Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 19 Oct 2020 until 23:59 on Tuesday 20 Oct 2020

Forecast Issued on Monday 19 Oct 2020 at 01:04

Confidence: High for occasionally unsettled, but lowering confidence in the detail of worst of the weather as the week progresses.

Headline for Monday 19 Oct 2020: Cloudy with some rain, patchy during morning, then more persistent for afternoon.

Mountain weather hazards on Monday 19 Oct 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain
Precipitation probability					
20%	10%	20%	80%	80%	70%

Forecast for Monday 19 Oct 2020

Weather: A rather cloudy day however only a few light isolated outbreaks of patchy rain during the morning, while some limited brighter spells appear. Cloud thickening from mid-day, with rain more persistent for the afternoon, bringing some heavier outbreaks across western ranges. Turning mainly dry before midnight as bases lift again.

Chance of cloud free mountain/hill tops above 600m: 70% during the morning with the extensive cloud mostly above the summits. Becoming 40% during the afternoon as cloud bases lower to 500-700m and thicken.

Visibility: Good falling moderate or poor in rain and very poor in hill fog.

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Mountain Weather Forecast

Forecast for Monday 19 Oct 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/29 S	19/27 S	21/31 S	20/30 S	20/31 S	17/26 S	17/27 SE
300	6/19 S	9/21 S	12/24 S	12/26 S	11/25 S	10/23 SE	12/27 SE
Valley	5/19 S	9/22 S	11/24 S	10/24 S	10/24 SE	9/19 E	9/23 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	7/2	7/3	7/2	6/2	6/2
300	7/5	8/5	10/7	10/7	9/6	8/6	8/5
Valley	9/8	10/8	11/9	11/9	10/8	9/7	10/8
Freezing Level*	2100m	2100m	2100m	2200m	2300m	2300m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions becoming difficult during the afternoon, particularly across western routes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 19 Oct 2020	0mm	0.4mm	0.6mm

Forecast for Tuesday 20 Oct 2020

Weather: A mixed day with showers, which merge to longer periods of rain at times, most lightly early morning and from late afternoon. However also occasionally drier and brighter interludes, chiefly either side of noon.

Maximum wind: South 25-30mph with gusts reaching 45mph over most exposed ridges and summits, gradually easing from mid-day.

Chance of cloud free mountain/hill tops above 600m: 70% through middle of the day, but 25% early and late in the day.

Visibility: Good falling moderate or poor in rain or showers, and very poor in hill fog.

Temperature: **Valleys:** Plus 7 Celsius increasing 16 Celsius during the afternoon
At 600m: Plus 7-9 Celsius
Freezing level: Above summits

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